

SECTION J

ATTACHMENT J-1: POSITION QUALIFICATIONS

PRINCIPAL PROJECT MANAGER (KEY PERSONNEL)

The Principal Project Manager must have demonstrated experience managing the preparation of environmental impact statements (EIS), supplemental environmental impact statements (SEIS), decommissioning plans (DP), and environmental permitting/licensing actions at U.S. Department of Energy (DOE), U.S. Nuclear Regulatory Commission (NRC) licensed, and/or U.S. Environmental Protection Agency (EPA) regulated facilities with facilities that have the complexity of those at the WVDP and WNYNSC. The individual shall have a minimum of a Bachelor of Science degree in mathematics, engineering, or physical sciences and 10 or more years of project management experience. The position of Principal Project Manager may include other non-Key Personnel collateral duties as proposed by the Contractor.

SENIOR PROJECT MANAGER - DECOMMISSIONING PLAN (KEY PERSONNEL)

The Senior Project Manager for the Decommissioning Plan must have demonstrated experience in managing the preparation of decommissioning plans, including associated dose modeling, development of derived concentration guideline levels (DCGL), ALARA analyses, and the development of facility radiation surveys including MARSSIM final status survey plans, for licensed NRC facilities that have resulted in the receipt of an approved NRC technical evaluation report. This individual must have demonstrated experience working closely with NRC managerial and technical staff and those of other federal and state regulatory agencies on previous decommissioning plan projects including scoping and technical information meetings and radioactive materials license applications and/or amendments. He or she shall support the public scoping process for the Supplemental Environmental Impact Statement, the development of reasonable Phase 2 decommissioning alternatives, and the preparation of conceptual engineering design reports. He or she must have a minimum of a Bachelor of Science degree in mathematics, engineering, or physical sciences and 10 years or more of project management experience. He or she must have the demonstrated ability to manage and direct large and complex engineering, environmental or consultation projects, and have demonstrated responsibility for all aspects of project planning and scheduling, cost estimating and monitoring, and quality review. He or she must have demonstrated the ability to direct and coordinate a variety of professional disciplines to achieve project goals. The position of Senior Project Manager – Decommissioning Plan may include other non-Key Personnel collateral duties as proposed by the Contractor.

SENIOR PROJECT MANAGER - SUPPLEMENTAL ENVIRONMENTAL IMPACT STATEMENT (KEY PERSONNEL)

The Senior Project Manager for the Supplemental Environmental Impact Statement must have demonstrated experience in managing the preparation of an EIS and/or SEIS, including supporting the public scoping and public review processes, the development of reasonable

decommissioning alternatives and experience interpreting the results of a probabilistic performance assessment to evaluate radiological and chemical environmental, human health, and transportation impacts for DOE and NRC facilities with the complexity of those at the WVDP and WNYNSC. This individual must have demonstrated experience working closely with DOE and NRC managerial and technical staff and those of other federal and state regulatory agencies on previous EIS/SEIS projects. He or she must have a minimum of a Bachelor's Degree in mathematics, engineering, or physical sciences and 10 years or more of project management experience. He or she must have the demonstrated ability to manage and direct large and complex engineering, environmental or consultation projects, and have demonstrated responsibility for all aspects of project planning and scheduling, cost estimating and monitoring, and quality review. He or she must have demonstrated the ability to direct and coordinate a variety of professional disciplines to achieve project goals. The position of Senior Project Manager – Supplemental Environmental Impact Statement may include other non-Key Personnel collateral duties as proposed by the Contractor.

SENIOR PROJECT MANAGER

The Senior Project Manager must have demonstrated experience in managing the preparation of license applications and permit modifications for DOE, EPA, NRC, and state regulated radioactive waste land disposal facilities. The preparation of documents including conceptual engineering design reports to support the development of EIS or SEIS for DOE and NRC facilities with the complexity of those at the WVDP and WNYNSC. This individual must have demonstrated experience working with DOE and NRC managerial and technical staff and those of other federal and state regulatory agencies on previous EIS/SEIS projects. He or she must have a minimum of a Bachelor's Degree in mathematics, engineering, or physical sciences and 10 years or more of project management experience. He or she must have the demonstrated ability to manage and direct large and complex engineering, environmental or consultation projects, and have demonstrated responsibility for all aspects of project planning and scheduling, cost estimating and monitoring, and quality review. He or she must have demonstrated the ability to direct and coordinate a variety of professional disciplines to achieve project goals.

SUBJECT MATTER EXPERT - DECOMMISSIONING PLAN (KEY PERSONNEL)

The Subject Matter Expert for the Decommissioning Plan must have demonstrated experience in radiological dose modeling to support the development of site specific derived concentration guideline levels (DCGL) for soils and the preparation of ALARA analyses for licensed NRC facilities that have resulted in the receipt of an approved NRC technical evaluation report. This individual must have demonstrated experience working closely with NRC managerial and technical staff and those of other federal and state regulatory agencies on previous decommissioning plan projects including scoping and technical information meetings and radioactive materials license applications and/or amendments. He or she shall support the public scoping process for the Supplemental Environmental Impact Statement, the development of reasonable Phase 2 decommissioning alternatives, and the preparation of conceptual engineering design reports. This individual must have a minimum of a Bachelor's Degree in mathematics, engineering, or physical sciences and 10 or more years of dose modeling and ALARA analysis

experience. The position of Subject Matter Expert – Decommissioning Plan may include other non-Key Personnel collateral duties as proposed by the Contractor.

SUBJECT MATTER EXPERT

The Subject Matter Expert must have demonstrated experience developing:

- Engineering design reports to support DOE and NRC radioactive waste tank and land disposal facility closure including estimates of: labor, waste disposal, materials, construction, and excavation costs; radiological and non-radiological environmental releases; personnel injuries, fatalities, and radiation exposure; volumes and classification of radiological and non-radiological waste; and post-closure costs and monitoring requirements
- Evaluation of short- and long-term environmental and human health impacts associated with the closure of DOE and NRC radioactive waste tank and land disposal facilities to meet the requirements of the National Environmental Policy Act (NEPA) including transportation analyses, climate change and erosion analyses
- Radioactive materials license applications, modifications, and/or amendment applications for DOE, EPA, NRC, and state regulated radioactive waste land disposal facilities.

Subject Matter Experts must have demonstrated experience working with the DOE, EPA, and/or NRC managerial and technical staff and of other federal and state regulatory agencies on previous EIS, SEIS, decommissioning, and/or licensing projects. He or she must have a minimum of a Bachelor's Degree in mathematics, engineering, or physical sciences and 10 years or more of project management experience.

SENIOR ENGINEER, SENIOR SCIENTIST, OR SENIOR TECHNICAL SPECIALIST

The Senior Engineer, Senior Scientist, or Senior Technical Specialist provides technical input to project design and implementation and will work collaboratively with subject matter experts and all levels of management to implement technical work scope. He or she must have at least one of the following minimum experience levels as follows: A degree in mathematics, engineering, or physical sciences; a PhD and 5 or more years of relevant experience; a Master's degree and 7 years of relevant experience, or a Bachelor's degree and 10 or more years of relevant experience.

PROJECT ENGINEER, PROJECT SCIENTIST, OR PROJECT TECHNICAL SPECIALIST

The Project Engineer, Project Scientist, or Project Technical Specialist provides technical input to project design and implementation and will work collaboratively with subject matter experts and all levels of management to implement technical work scope. He or she must have at least one of the following minimum experience levels as follows: A degree in mathematics, engineering, or physical sciences; a PhD and 2 or more years of relevant experience; a Master's degree and 3 years of relevant experience, or a Bachelor's degree and 5 or more years of relevant experience.

ENGINEER, SCIENTIST, OR TECHNICAL SPECIALIST

The Engineer, Scientist, or Technical Specialist provides technical input to project design and implementation and will work collaboratively with subject matter experts and all levels of management to implement technical work scope. He or she must have at least one of the following minimum experience levels as follows: A Master's or Bachelor's degree in mathematics, engineering, or physical sciences.

SENIOR TECHNICAL EDITOR

The Senior Technical Editor prepares research and analytical information into technical documents for broad readership. Skills include common business writing skills and preparation of professional documents and presentations to support the consulting assignments. He or she must have at least one of the following minimum experience levels as follows: A PhD and 5 or more years of relevant experience; a Master's degree and 8 years of relevant experience; or a Bachelor's degree and 10 or more years of relevant experience.

TECHNICAL EDITOR

The Technical Editor prepares research and analytical information into technical documents for broad readership. Skills include common business writing skills and preparation of professional documents and presentations to support the consulting assignments. He or she must have a Bachelor's degree and 5 or more years of relevant experience.

RECORDS/DOCUMENT CONTROL SPECIALIST

The Records/Document Control Specialist must have a minimum of an Associate's Degree or a minimum of 5 years in records management and a working knowledge of DOE requirements for management of environmental and project records, preparation of compliance documents as required and in support of DOE operations.

ADMINISTRATIVE ASSISTANT I

The Administrative Assistant I shall have a minimum of 10 or more years of general business experience, excellent communication skills including Microsoft Office proficiency. He or she must be able to prepare, proofread and format complex reports, presentations, and contract/task order documents using standard software, provide document management and control services for project level systems, complete documents, including reproduction, collation and delivery and be able to effectively handle a variety of competing job tasks and use good judgment in handling information.

ADMINISTRATIVE ASSISTANT II

The Administrative Assistant II shall have a minimum of 5 or more years of general business experience, excellent communication skills, Microsoft Office proficiency. He or she must be able

to prepare, proofread and format complex reports, presentations, and contract/task order documents using standard software, provide document management and control services for project level systems, complete documents, including reproduction, collation and delivery and be able to effectively handle a variety of competing job tasks and use good judgment in handling information.

PRODUCTION CLERK

The Production Clerk shall provide layout, production, reproduction and document storage and retrieval services and general clerical support to technical and administrative staff. He or she must have an Associate's degree and 3 or more years of relevant experience.